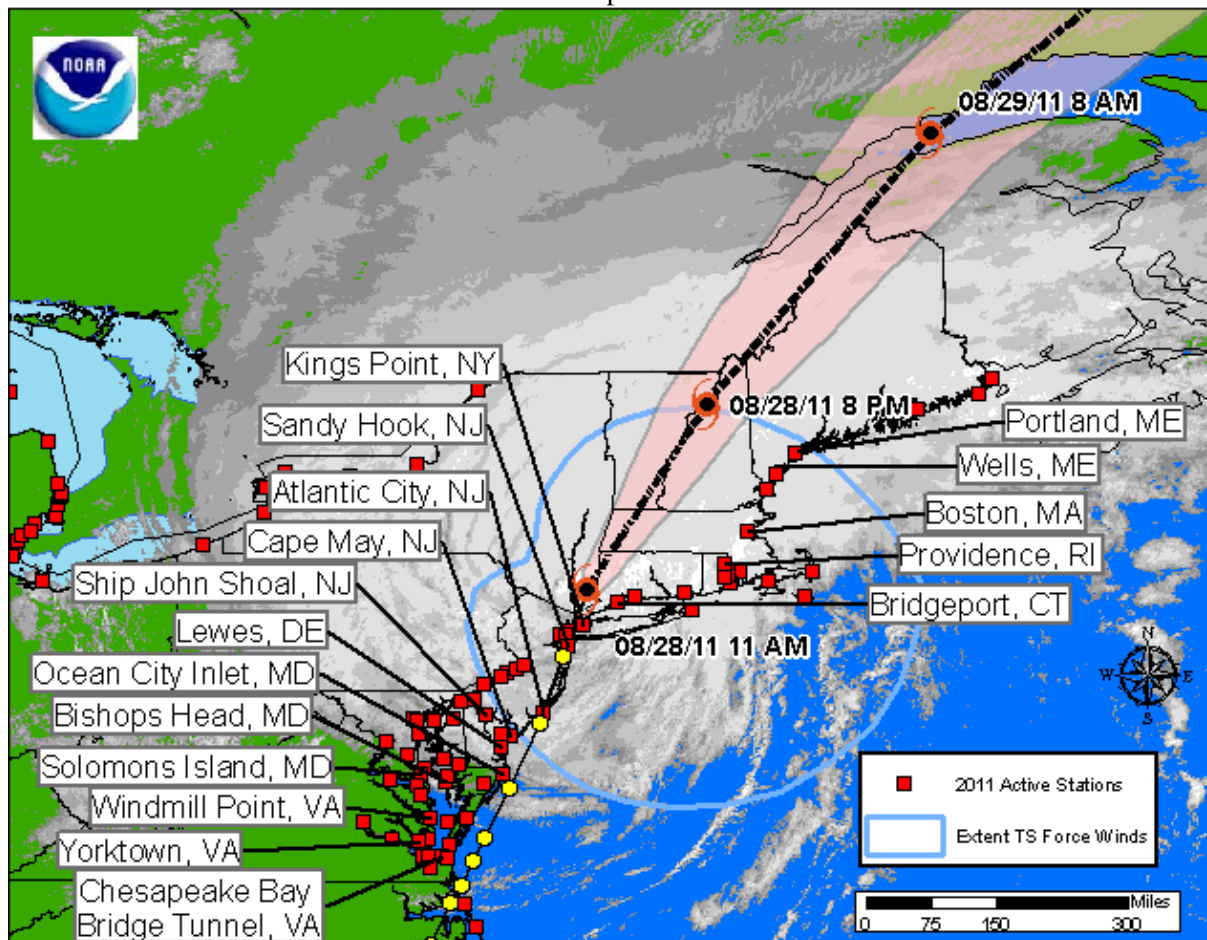




Tropical Storm IRENE QuickLook  
Posted: 12:00 EDT 08/28/2011

#### NOAA and NOAA Partnership Stations Relative to the Storm



#### Storm Analysis

As of 08/28/2011 12:00 EDT, water levels along the coast of New Jersey northward to Rhode Island are being significantly affected by Hurricane Irene. Levels to the north of Rhode Island up to Maine started to rise. Levels between Sandy Hook, NJ and Providence, RI range between 2 to 4 feet above predictions. Water levels from Atlantic City, NJ southward to Florida are rising or have returned to near predicted values, winds are still strong with gusts up to 25 knots at some locations.

Winds continue to rise ahead of the storm and range between 20 and 40 kts with gusts. Winds along the coast New Jersey range from 25 to 35 kts with higher gusts. Winds in Providence, RI are increasing with gusts up to 52 knots.

Barometric pressure is falling from Bridgeport, CT and northward as far as Portland, ME. Barometric Pressure has bottomed out and is rising from Kings Point, NY.

## Tropical Storm IRENE QuickLook, POSTED 12:00 EDT 08/28/2011

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Ship John Shoal, NJ: Next predicted high tides are 7.2 ft (2.18 m) at 08/28/2011 22:08 EDT and 6.8 ft (2.08 m) at 08/29/2011 10:38 EDT.

Cape May, NJ: Next predicted high tides are 6.2 ft (1.90 m) at 08/28/2011 20:44 EDT and 5.7 ft (1.77 m) at 08/29/2011 09:10 EDT.

Atlantic City, NJ: Next predicted high tides are 5.4 ft (1.64 m) at 08/28/2011 19:34 EDT and 4.9 ft (1.51 m) at 08/29/2011 08:04 EDT.

Sandy Hook, NJ: Next predicted high tides are 6.1 ft (1.84 m) at 08/28/2011 19:55 EDT and 5.8 ft (1.79 m) at 08/29/2011 08:28 EDT.

Kings Point, NY: Next predicted high tides are 8.7 ft (2.65 m) at 08/28/2011 23:19 EDT and 8.8 ft (2.73 m) at 08/29/2011 11:46 EDT.

Providence, RI: Next predicted high tides are 5.8 ft (1.77 m) at 08/28/2011 20:14 EDT and 5.9 ft (1.82 m) at 08/29/2011 08:42 EDT.

Bridgeport, CT: Next predicted high tides are 8.0 ft (2.45 m) at 08/28/2011 23:29 EDT and 8.0 ft (2.48 m) at 08/29/2011 11:56 EDT.

Boston, MA: Next predicted high tides are 11.3 ft (3.45 m) at 08/28/2011 23:24 EDT and 10.8 ft (3.34 m) at 08/29/2011 11:53 EDT.

Wells, ME: Next predicted high tides are 10.4 ft (3.18 m) at 08/28/2011 23:19 EDT and 10.0 ft (3.07 m) at 08/29/2011 11:47 EDT.

Portland, ME: Next predicted high tides are 10.9 ft (3.32 m) at 08/28/2011 23:11 EDT and 10.3 ft (3.18 m) at 08/29/2011 11:40 EDT.

Lewes, DE: Next predicted high tides are 5.3 ft (1.63 m) at 08/28/2011 20:52 EDT and 4.9 ft (1.50 m) at 08/29/2011 09:17 EDT.

Ocean City Inlet, MD: Next predicted high tides are 2.7 ft (0.84 m) at 08/28/2011 20:17 EDT and 2.6 ft (0.79 m) at 08/29/2011 08:33 EDT.

Bishops Head, MD: Next predicted high tides are 2.0 ft (0.60 m) at 08/28/2011 13:24 EDT and 2.2 ft (0.68 m) at 08/29/2011 01:50 EDT.

Solomons Island, MD: Next predicted high tides are 1.7 ft (0.50 m) at 08/28/2011 14:04 EDT and 1.8 ft (0.55 m) at 08/29/2011 02:35 EDT.

Windmill Point, VA: Next predicted high tides are 1.8 ft (0.54 m) at 08/28/2011 23:08 EDT and 1.8 ft (0.54 m) at 08/29/2011 11:31 EDT.

Chesapeake Bay Bridge Tunnel, VA: Next predicted high tides are 3.3 ft (1.01 m) at 08/28/2011 20:25 EDT and 3.3 ft (1.02 m) at 08/29/2011 08:52 EDT.

Tropical Storm IRENE QuickLook, POSTED 12:00 EDT 08/28/2011

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For information on Highest Astronomical Tide (HAT), NAVD88 and other datums, please see [Tidal Datums](#). For more information or archived products and reports, please see the [Storm QuickLook](#) homepage.

Analyst:KG

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SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM IRENE ADVISORY NUMBER 33  
1100 AM EDT SUN AUG 28 2011

...CENTER OF IRENE INLAND OVER SOUTHEASTERN NEW YORK STATE...  
SOUTHERN NEW ENGLAND...

SUMMARY OF 1100 AM EDT INFORMATION

-----  
LOCATION...  
ABOUT 10 MI W OF DANBURY CONNECTICUT  
MAXIMUM SUSTAINED WINDS...60 MPH  
PRESENT MOVEMENT...NNE OR 20 DEGREES AT 26 MPH  
MINIMUM CENTRAL PRESSURE...966 MB

WATCHES AND WARNINGS

-----  
CHANGES IN WATCHES AND WARNINGS WITH THIS ADVISORY...

THE HURRICANE WARNING FROM CHINCOTEAGUE VIRGINIA TO SAGAMORE BEACH MASSACHUSETTS IS CHANGED TO A TROPICAL STORM WARNING. ALL WARNINGS HAVE BEEN DISCONTINUED ALONG THE ATLANTIC COAST SOUTH OF CHINCOTEAGUE AND FOR CHESAPEAKE BAY SOUTH OF NORTH BEACH.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A TROPICAL STORM WARNING IS IN EFFECT FOR...  
\* CHINCOTEAGUE VIRGINIA NORTHWARD TO EASTPORT MAINE...  
INCLUDING CHESAPEAKE BAY NORTH OF NORTH BEACH...DELAWARE BAY...NEW YORK CITY ...LONG ISLAND...LONG ISLAND SOUND...COASTAL CONNECTICUT AND RHODE ISLAND...BLOCK ISLAND...MARTHAS VINEYARD AND NANTUCKET  
\* UNITED STATES/CANADA BORDER NORTHEASTWARD TO FORT LAWRENCE INCLUDING GRAND MANAN  
\* SOUTH COAST OF NOVA SCOTIA FROM FORT LAWRENCE TO PORTERS LAKE

INTERESTS ELSEWHERE IN EASTERN CANADA SHOULD MONITOR THE PROGRESS OF IRENE.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA IN THE UNITED STATES...INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS...PLEASE MONITOR PRODUCTS ISSUED BY

YOUR LOCAL NATIONAL WEATHER SERVICE  
FORECAST OFFICE. FOR STORM INFORMATION SPECIFIC TO YOUR AREA OUTSIDE THE  
UNITED STATES...PLEASE MONITOR PRODUCTS ISSUED BY YOUR NATIONAL  
METEOROLOGICAL SERVICE.

#### DISCUSSION AND 48-HOUR OUTLOOK

-----  
AT 1100 AM EDT THE CENTER OF TROPICAL STORM IRENE WAS  
LOCATED NEAR LATITUDE 41.4 NORTH...LONGITUDE 73.7 WEST. IRENE IS  
MOVING TOWARD THE NORTH-NORTHEAST NEAR 26 MPH AND THIS MOTION WITH A LITTLE  
FASTER FORWARD SPEED IS EXPECTED OVER THE NEXT  
DAY OR SO. ON THE FORECAST TRACK...THE CENTER OF IRENE WILL MOVE  
OVER NORTHERN NEW ENGLAND LATER TODAY AND OVER EASTERN CANADA TONIGHT.

MAXIMUM SUSTAINED WINDS ARE NEAR 60 MPH...WITH HIGHER GUSTS. IRENE IS  
FORECAST TO WEAKEN AND BECOME A POST-TROPICAL  
CYCLONE BY TONIGHT.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 320 MILES FROM THE CENTER. A  
WEATHERFLOW STATION ON FIRE ISLAND RECENTLY  
REPORTED SUSTAINED WINDS OF 50 MPH...80 KM/H...WITH A GUST TO 63 MPH.

ESTIMATED MINIMUM CENTRAL PRESSURE IS 966 MB.  
CENTRAL PARK IN NEW YORK CITY REPORTED 966.5 MB AS THE CENTER PASSED THIS  
MORNING.

#### HAZARDS AFFECTING LAND

-----  
STORM SURGE...AN EXTREMELY DANGEROUS STORM SURGE WILL RAISE WATER  
LEVELS BY AS MUCH AS 4 TO 8 FEET ABOVE GROUND LEVEL FROM WESTERN  
PORTIONS OF LONG ISLAND SOUND EASTWARD ALONG THE SOUTHERN  
COASTS OF CONNECTICUT...RHODE ISLAND...AND MASSACHUSETTS. THE HIGHEST SURGES  
WILL OCCUR NEAR THE UPPER PARTS OF BAYS AND INLETS.  
NEAR THE COAST...THE SURGE WILL BE ACCOMPANIED BY LARGE...  
DESTRUCTIVE...AND LIFE-THREATENING WAVES. HIGHER THAN NORMAL ASTRONOMICAL  
TIDES ARE OCCURRING THIS WEEKEND. COASTAL AND RIVER  
FLOODING WILL BE HIGHEST IN AREAS WHERE THE PEAK SURGE OCCURS AROUND THE  
TIME OF HIGH TIDE. STORM TIDE AND SURGE VALUES ARE VERY LOCATION-SPECIFIC...AND  
USERS ARE URGED TO CONSULT PRODUCTS ISSUED  
BY THEIR LOCAL NATIONAL WEATHER SERVICE OFFICES. WATER LEVELS ALONG THE NEW  
JERSEY AND DELAWARE COAST INCLUDING DELAWARE BAY WILL SUBSIDE TODAY.

RAINFALL...IRENE IS EXPECTED TO PRODUCE TOTAL RAINFALL ACCUMULATIONS  
OF 4 TO 8 INCHES...WITH ISOLATED MAXIMUM AMOUNTS OF 12 INCHES... FROM  
NORTHEASTERN PENNSYLVANIA AND NORTHERN NEW JERSEY NORTHWARD INTO NEW  
YORK STATE AND INTERIOR NEW ENGLAND. THESE RAINS...  
COMBINED WITH HEAVY RAINS OVER THE PAST FEW WEEKS...COULD CAUSE WIDESPREAD  
FLOODING...LIFE-THREATENING FLASH FLOODS...AND SIGNIFICANT UPROOTING OF TREES  
DUE TO RAIN-SOFTENED GROUNDS.

WIND...TROPICAL STORM FORCE WINDS WILL SPREAD NORTHWARD INTO NORTHERN NEW ENGLAND AND ATLANTIC CANADA TODAY. WINDS AFFECTING THE UPPER FLOORS OF HIGH-RISE BUILDINGS COULD BE SIGNIFICANTLY STRONGER THAN THOSE NEAR GROUND LEVEL.

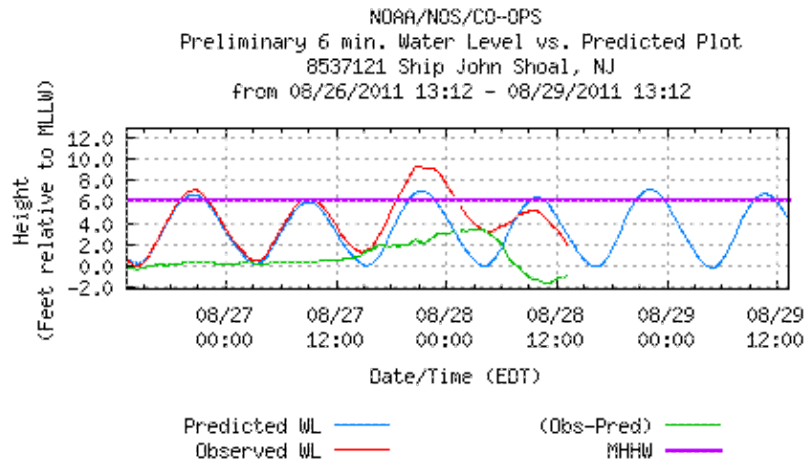
TORNADOES...ISOLATED TORNADOES ARE POSSIBLE OVER SOUTHERN NEW ENGLAND THIS AFTERNOON.

FORECASTER PASCH/BLAKE

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Ship John Shoal - Water Level](#), [Ship John Shoal - Winds](#), [Ship John Shoal - Barometric](#), [Ship John Shoal - Air/Water Temp](#), [Cape May - Water Level](#), [Cape May - Winds](#), [Cape May - Air/Water Temp](#), [Atlantic City - Water Level](#), [Atlantic City - Barometric](#), [Atlantic City - Air/Water Temp](#), [Sandy Hook - Water Level](#), [Sandy Hook - Winds](#), [Sandy Hook - Barometric](#), [Sandy Hook - Air/Water Temp](#), [Kings Point - Water Level](#), [Kings Point - Winds](#), [Kings Point - Barometric](#), [Kings Point - Air/Water Temp](#), [Bridgeport - Water Level](#), [Bridgeport - Winds](#), [Bridgeport - Barometric](#), [Bridgeport - Air/Water Temp](#), [Providence - Water Level](#), [Providence - Winds](#), [Providence - Barometric](#), [Providence - Air/Water Temp](#), [Boston - Water Level](#), [Boston - Barometric](#), [Boston - Air/Water Temp](#), [Wells - Water Level](#), [Wells - Winds](#), [Wells - Barometric](#), [Wells - Air/Water Temp](#), [Portland - Water Level](#), [Portland - Barometric](#), [Portland - Air/Water Temp](#), [Lewes - Water Level](#), [Lewes - Winds](#), [Lewes - Barometric](#), [Lewes - Air/Water Temp](#), [Ocean City Inlet - Water Level](#), [Ocean City Inlet - Winds](#), [Ocean City Inlet - Barometric](#), [Ocean City Inlet - Air/Water Temp](#), [Bishops Head - Water Level](#), [Bishops Head - Winds](#), [Bishops Head - Barometric](#), [Bishops Head - Air/Water Temp](#), [Windmill Point - Water Level](#), [Yorktown USCG Training Center - Water Level](#), [Yorktown USCG Training Center - Winds](#), [Yorktown USCG Training Center - Barometric](#), [Yorktown USCG Training Center - Air/Water Temp](#), [Chesapeake Bay Bridge Tunnel - Water Level](#), [Chesapeake Bay Bridge Tunnel - Winds](#), [Chesapeake Bay Bridge Tunnel - Barometric](#), [Chesapeake Bay Bridge Tunnel - Air/Water Temp](#),

Ship John Shoal, NJ - Return to List

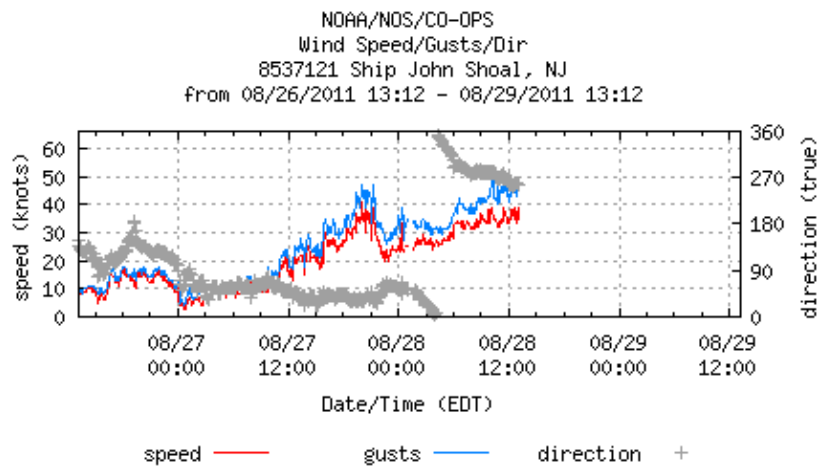


Last Observed Sample: 08/28/2011 13:06 (EDT)

Relative to MLLW: **Observed: 2.03 ft.** **Predicted: 2.97 ft.** **Residual: -0.94 ft.**

Historical Maximum Water Level: Apr 17 2011, 3.08 ft. above MHHW

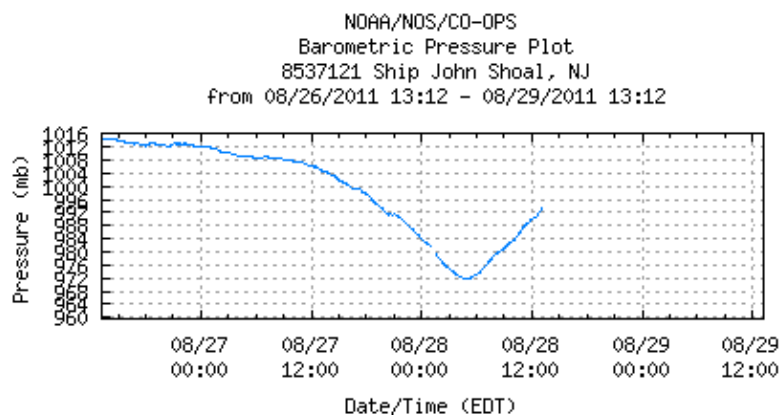
Ship John Shoal, NJ - Return to List



Last Observed Sample: 08/28/2011 13:06 (EDT)

**Wind Speed: 35 knots** **Gusts: 48 knots** **Direction: 256° T**

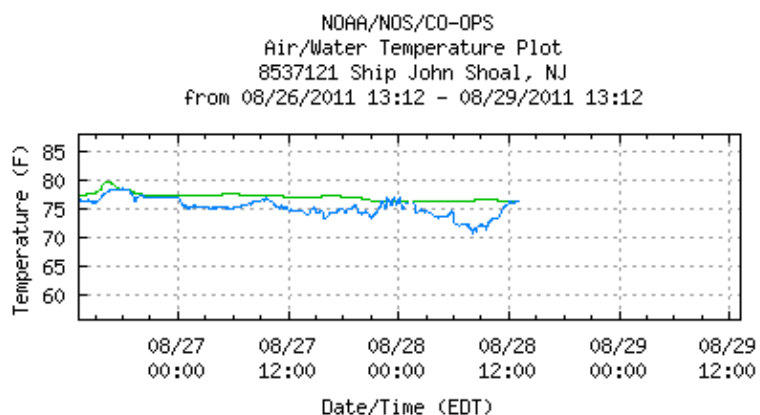
[Ship John Shoal, NJ - Return to List](#)



Last Observed Sample: 08/28/2011 13:06 (EDT)

Barometric Pressure: 993.2 mb

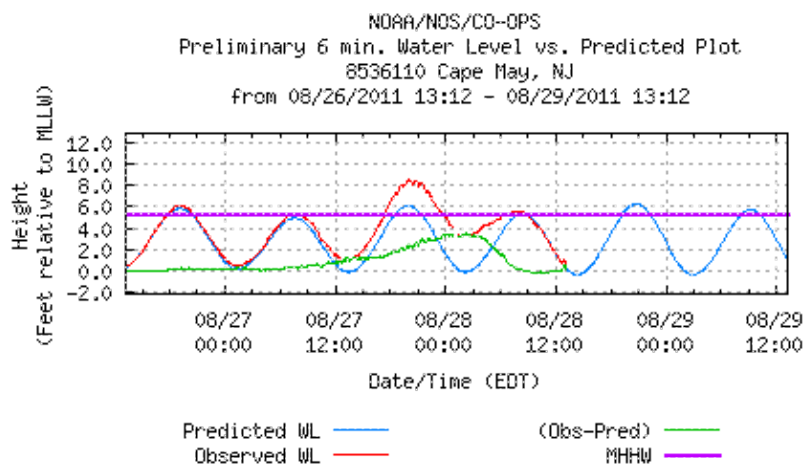
[Ship John Shoal, NJ - Return to List](#)



Last Observed Sample: 08/28/2011 13:06 (EDT)

Water Temperature: 76.6° F Air Temperature: 76.3° F

Cape May, NJ - Return to List

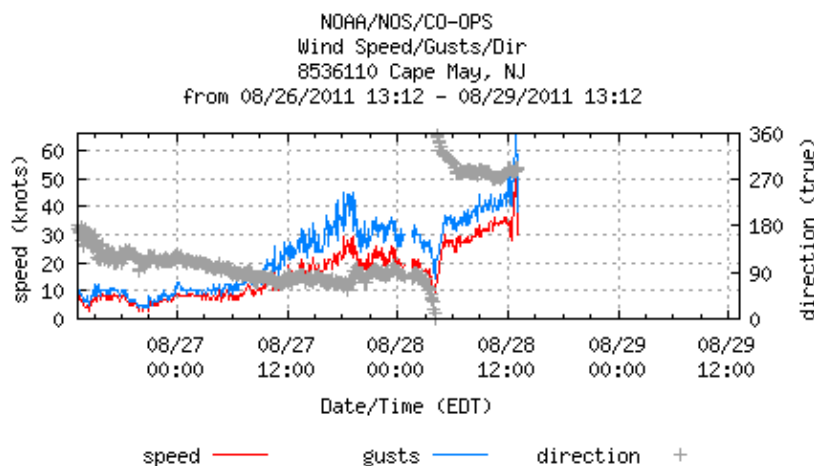


Last Observed Sample: 08/28/2011 13:06 (EDT)

Relative to MLLW: **Observed: 0.56 ft.** **Predicted: 0.28 ft.** **Residual: 0.28 ft.**

Historical Maximum Water Level: Sep 27 1985, 3.36 ft. above MHHW

Cape May, NJ - Return to List

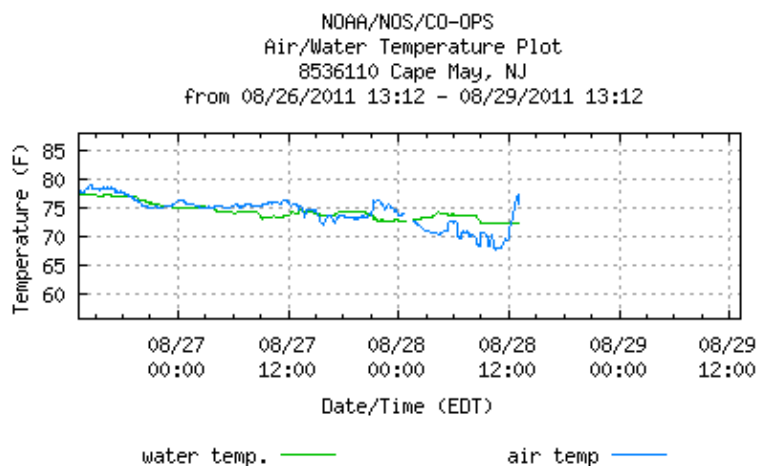


Last Observed Sample: 08/28/2011 13:06 (EDT)

**Wind Speed: 30 knots** **Gusts: 38 knots** **Direction: 289° T**

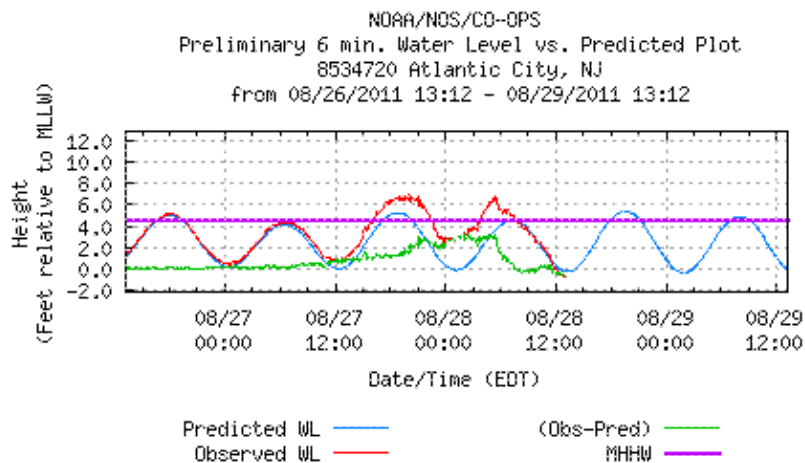


Cape May, NJ - Return to List



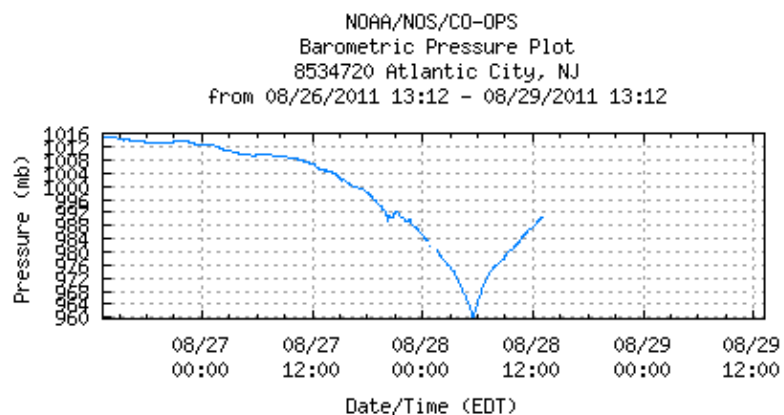
Last Observed Sample: 08/28/2011 13:06 (EDT)  
Water Temperature: 72.3° F Air Temperature: 75.7° F

Atlantic City, NJ - Return to List



Last Observed Sample: 08/28/2011 13:00 (EDT)  
Relative to MLLW: Observed: -0.76 ft. Predicted: -0.17 ft. Residual: -0.59 ft.  
Historical Maximum Water Level: Dec 11 1992, 4.38 ft. above MHHW

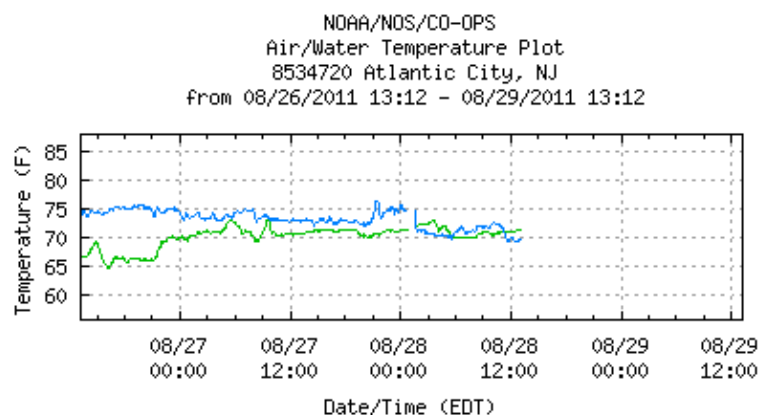
[Atlantic City, NJ - Return to List](#)



Last Observed Sample: 08/28/2011 13:00 (EDT)

Barometric Pressure: 990.5 mb

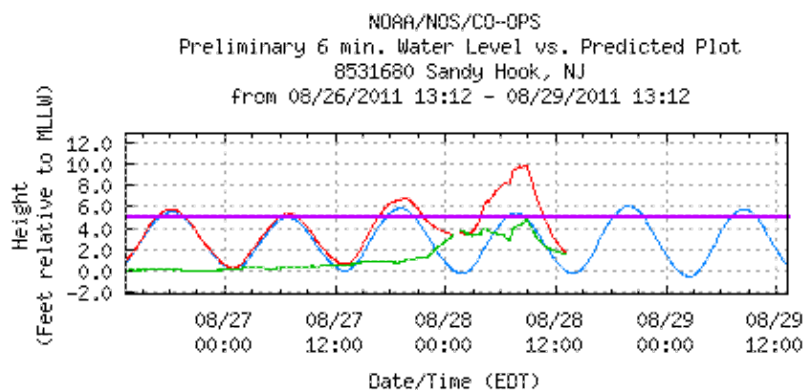
[Atlantic City, NJ - Return to List](#)



Last Observed Sample: 08/28/2011 13:00 (EDT)

Water Temperature: 71.6° F Air Temperature: 69.8° F

Sandy Hook, NJ - Return to List



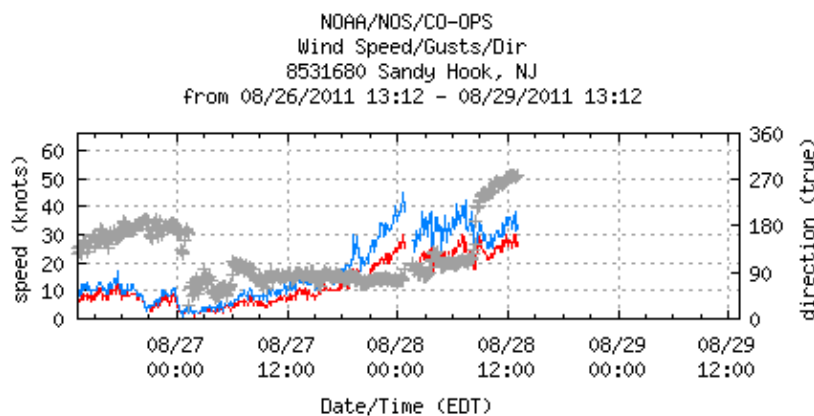
Predicted WL — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 08/28/2011 13:06 (EDT)

Relative to MLLW: **Observed: 1.63 ft.** **Predicted: 0.03 ft.** **Residual: 1.60 ft.**

Historical Maximum Water Level: Sep 12 1960, 4.86 ft. above MHHW

Sandy Hook, NJ - Return to List

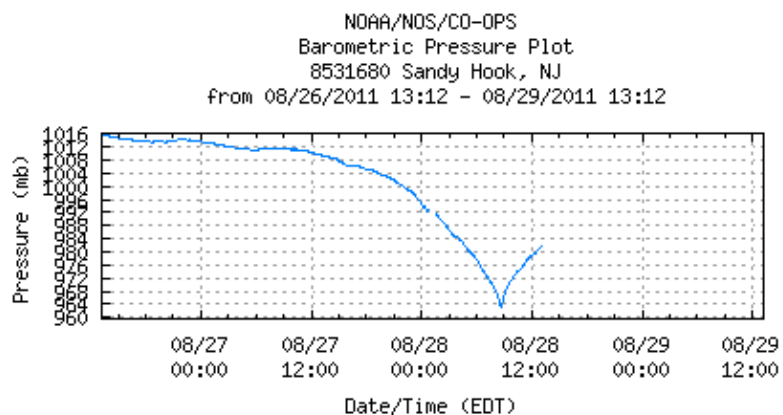


speed — gusts — direction +

Last Observed Sample: 08/28/2011 13:06 (EDT)

**Wind Speed: 27 knots** **Gusts: 33 knots** **Direction: 279° T**

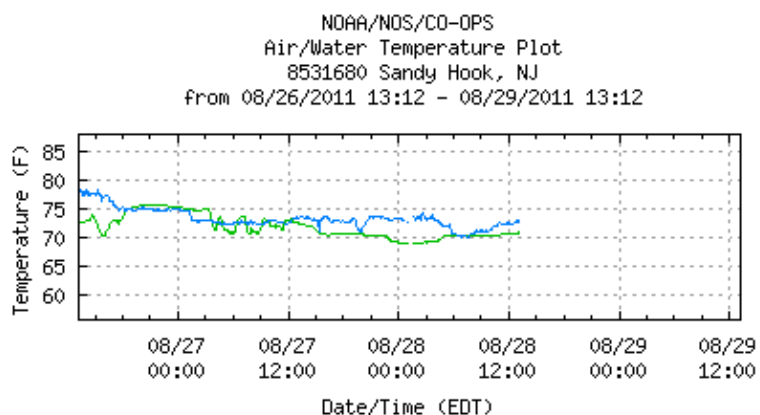
[Sandy Hook, NJ - Return to List](#)



Last Observed Sample: 08/28/2011 13:06 (EDT)

Barometric Pressure: 981.9 mb

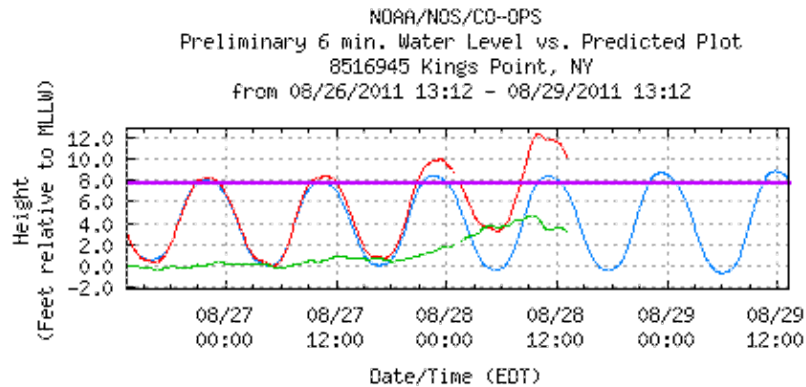
[Sandy Hook, NJ - Return to List](#)



Last Observed Sample: 08/28/2011 13:06 (EDT)

Water Temperature: 71.1° F Air Temperature: 72.9° F

Kings Point, NY - Return to List



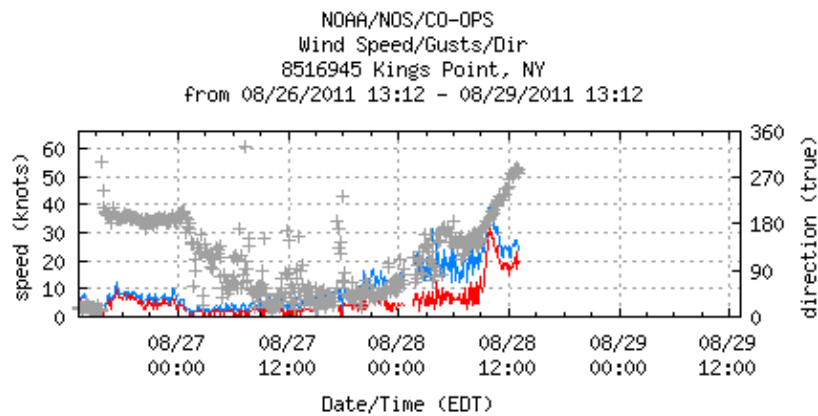
Predicted WL — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 08/28/2011 13:06 (EDT)

Relative to MLLW: **Observed: 10.16 ft.** **Predicted: 6.89 ft.** **Residual: 3.27 ft.**

Historical Maximum Water Level: Mar 14 2010, 4.49 ft. above MHHW

Kings Point, NY - Return to List

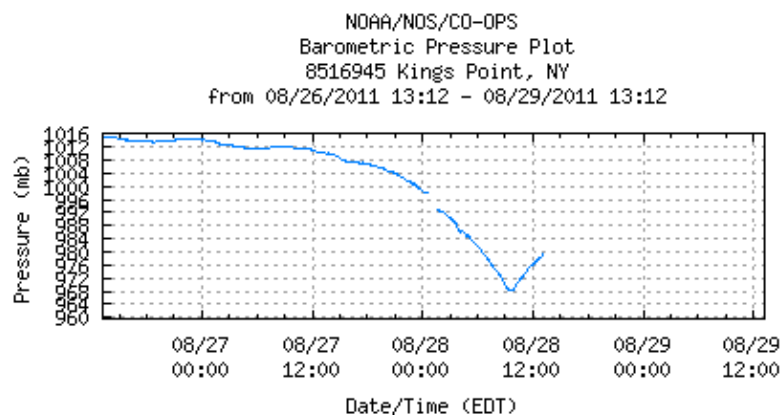


speed — gusts — direction +

Last Observed Sample: 08/28/2011 13:06 (EDT)

**Wind Speed: 19 knots** **Gusts: 24 knots** **Direction: 284° T**

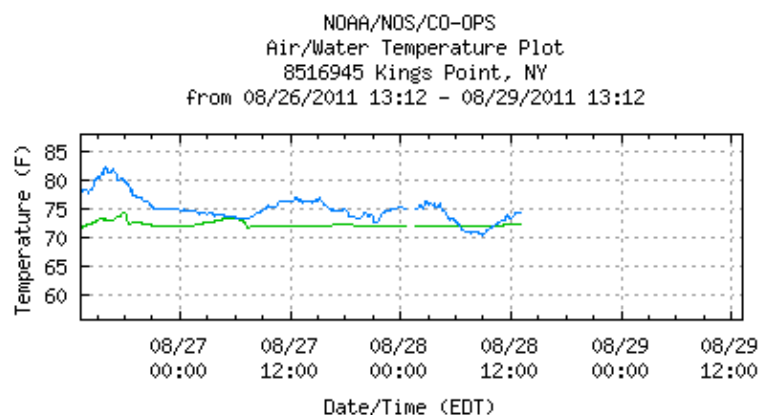
[Kings Point, NY - Return to List](#)



Last Observed Sample: 08/28/2011 13:06 (EDT)

Barometric Pressure: 979.3 mb

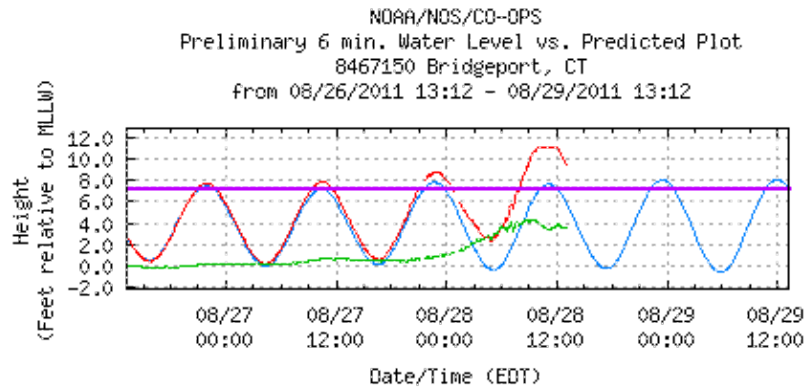
[Kings Point, NY - Return to List](#)



Last Observed Sample: 08/28/2011 13:06 (EDT)

Water Temperature: 72.5° F Air Temperature: 74.5° F

[Bridgeport, CT - Return to List](#)



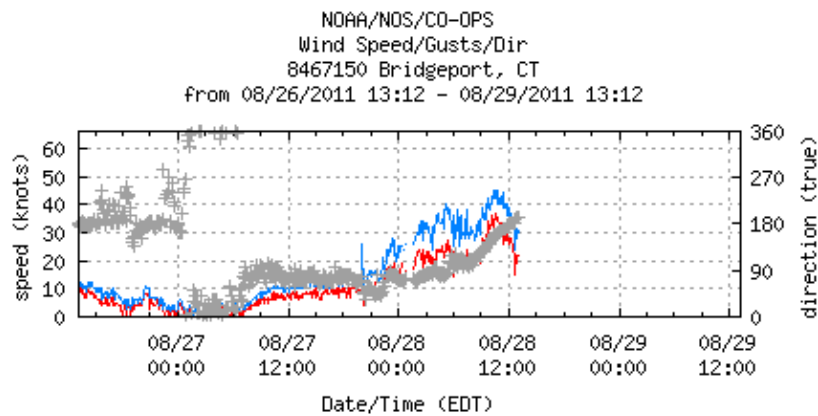
Predicted WL — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 08/28/2011 13:00 (EDT)

Relative to MLLW: **Observed: 9.51 ft.** **Predicted: 5.97 ft.** **Residual: 3.54 ft.**

Historical Maximum Water Level: Sep 21 1938, 4.95 ft. above MHHW

[Bridgeport, CT - Return to List](#)

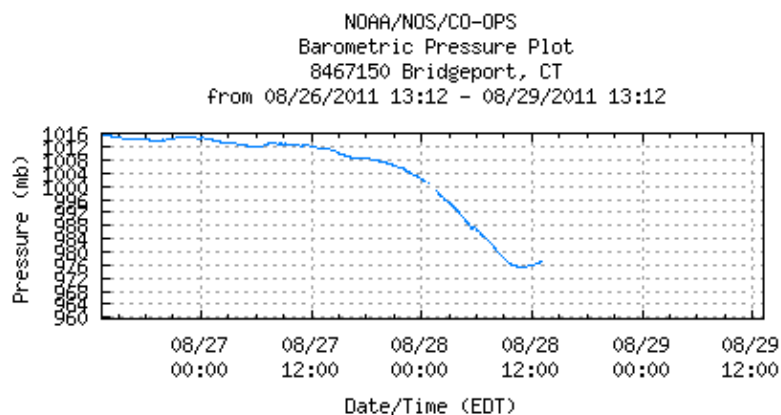


speed — gusts — direction +

Last Observed Sample: 08/28/2011 13:00 (EDT)

**Wind Speed: 22 knots** **Gusts: 30 knots** **Direction: 193° T**

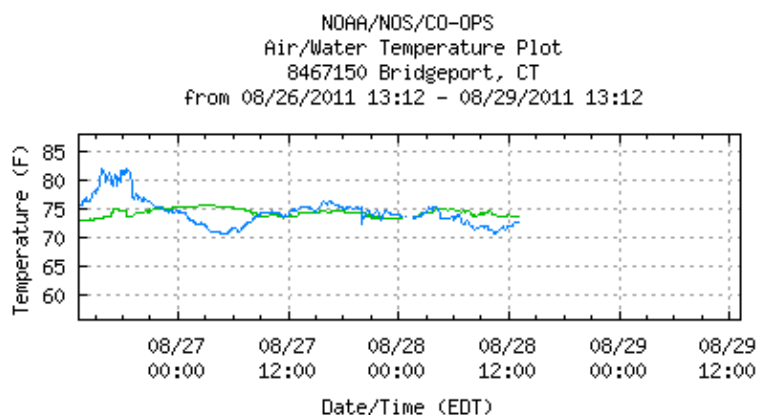
[Bridgeport, CT - Return to List](#)



Last Observed Sample: 08/28/2011 13:00 (EDT)

Barometric Pressure: 977.1 mb

[Bridgeport, CT - Return to List](#)

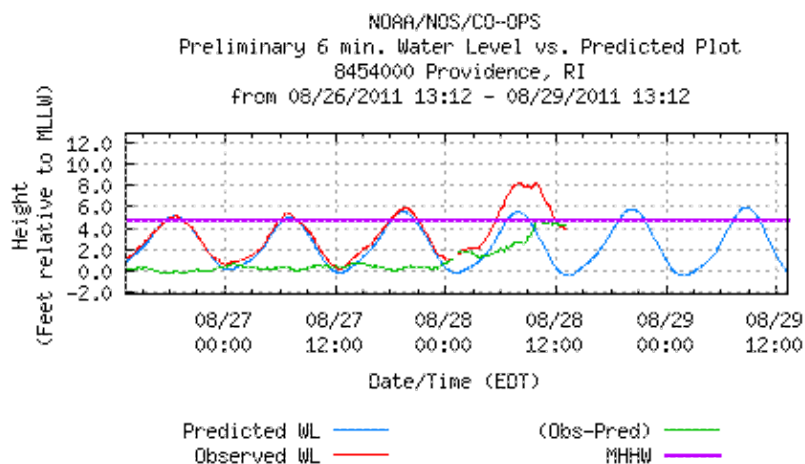


Last Observed Sample: 08/28/2011 13:00 (EDT)

Water Temperature: 73.8° F Air Temperature: 72.7° F



Providence, RI - Return to List

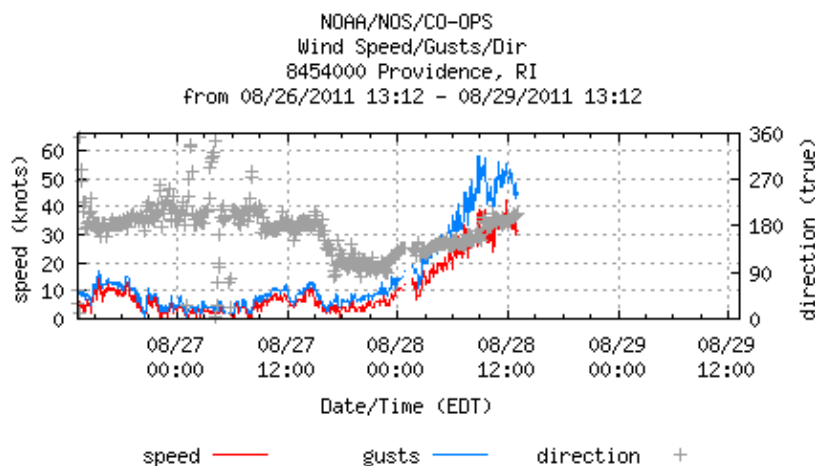


Last Observed Sample: 08/28/2011 13:00 (EDT)

Relative to MLLW: **Observed: 3.91 ft.** **Predicted: -0.36 ft.** **Residual: 4.27 ft.**

Historical Maximum Water Level: Sep 21 1938, 12.67 ft. above MHHW

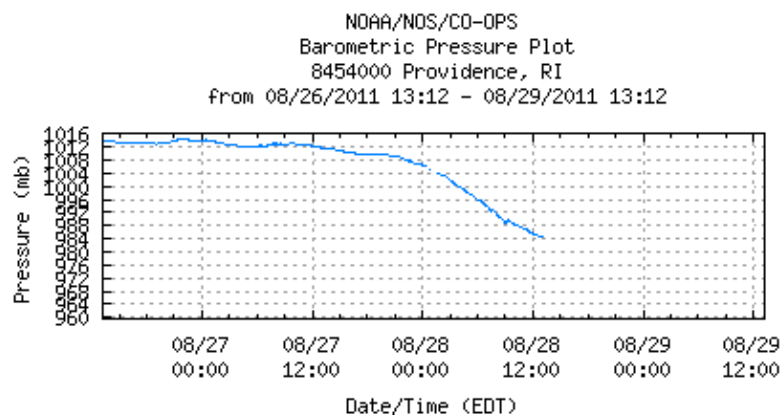
Providence, RI - Return to List



Last Observed Sample: 08/28/2011 13:00 (EDT)

**Wind Speed: 31 knots** **Gusts: 45 knots** **Direction: 205° T**

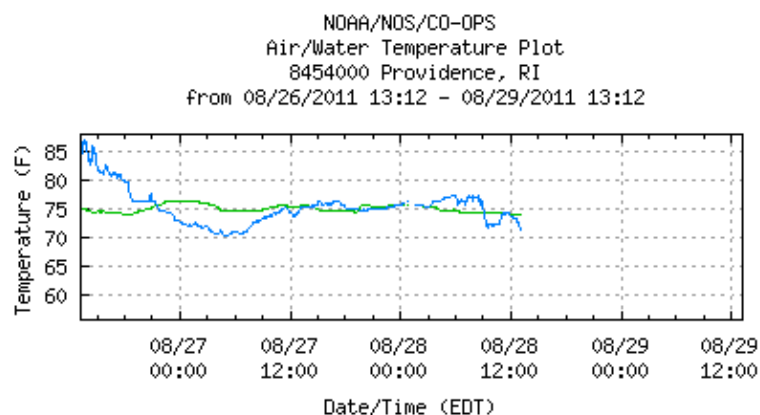
[Providence, RI - Return to List](#)



Last Observed Sample: 08/28/2011 13:00 (EDT)

Barometric Pressure: 984.6 mb

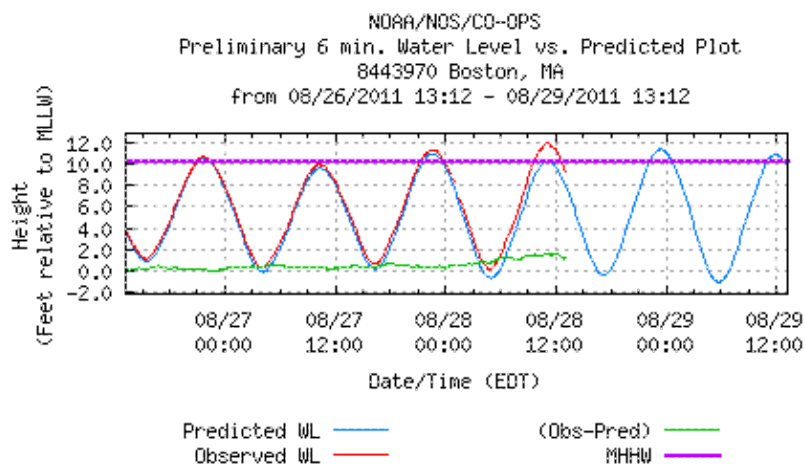
[Providence, RI - Return to List](#)



Last Observed Sample: 08/28/2011 13:00 (EDT)

Water Temperature: 74.1° F Air Temperature: 71.6° F

Boston, MA - Return to List

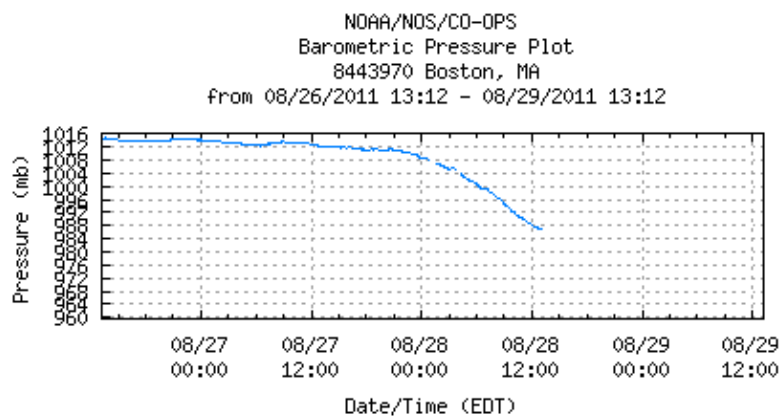


Last Observed Sample: 08/28/2011 13:00 (EDT)

Relative to MLLW: **Observed: 9.27 ft.** **Predicted: 8.06 ft.** **Residual: 1.21 ft.**

Historical Maximum Water Level: Feb 7 1978, 4.82 ft. above MHHW

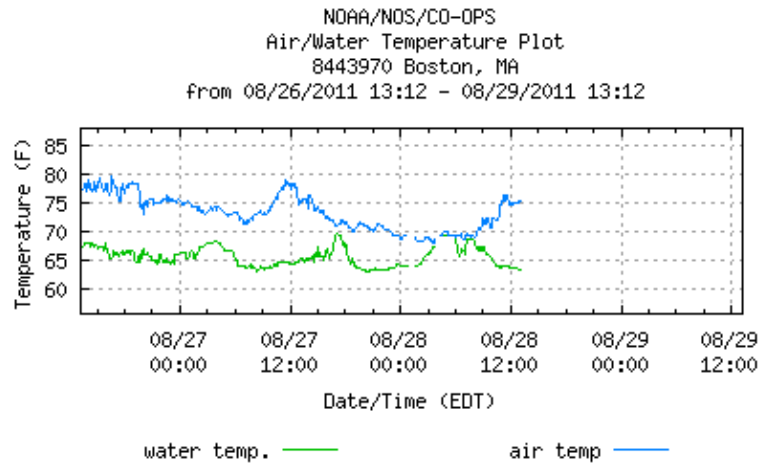
Boston, MA - Return to List



Last Observed Sample: 08/28/2011 13:00 (EDT)

**Barometric Pressure: 986.8 mb**

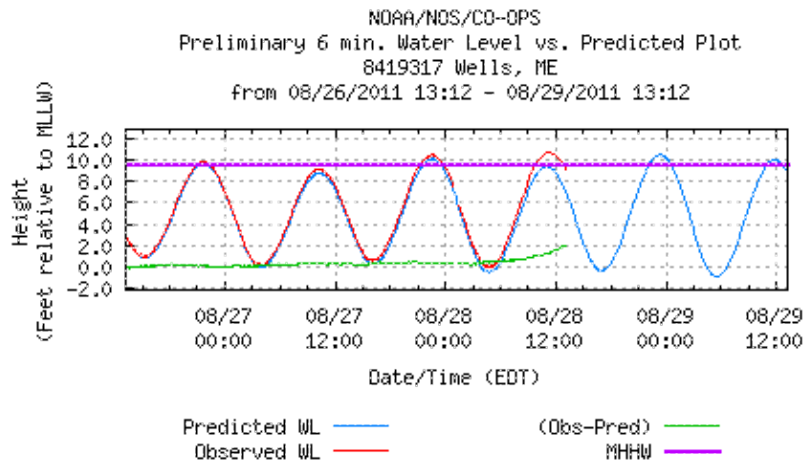
Boston, MA - Return to List



Last Observed Sample: 08/28/2011 13:00 (EDT)

Water Temperature: 63.5° F Air Temperature: 75.6° F

Wells, ME - Return to List

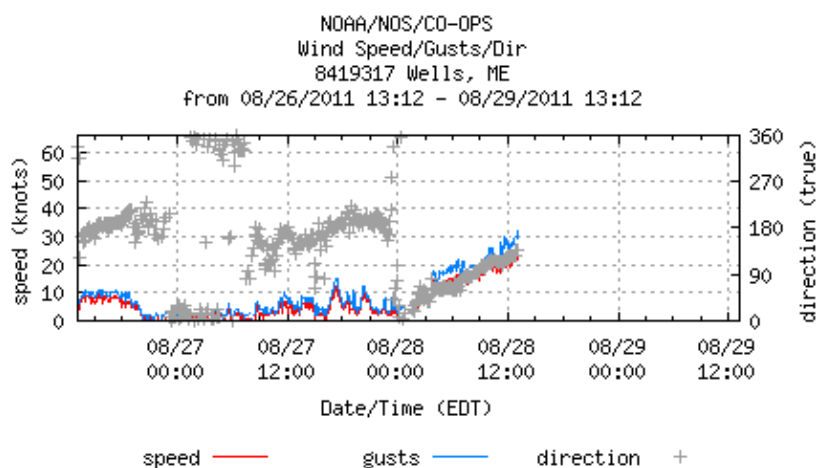


Last Observed Sample: 08/28/2011 13:06 (EDT)

Relative to MLLW: Observed: 9.01 ft. Predicted: 6.96 ft. Residual: 2.05 ft.

Historical Maximum Water Level: Apr 16 2007, 3.59 ft. above MHHW

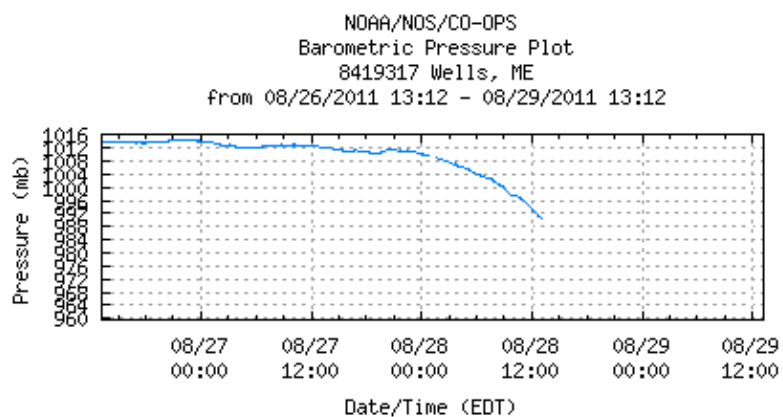
Wells, ME - Return to List



Last Observed Sample: 08/28/2011 13:06 (EDT)

Wind Speed: 24 knots Gusts: 32 knots Direction: 139° T

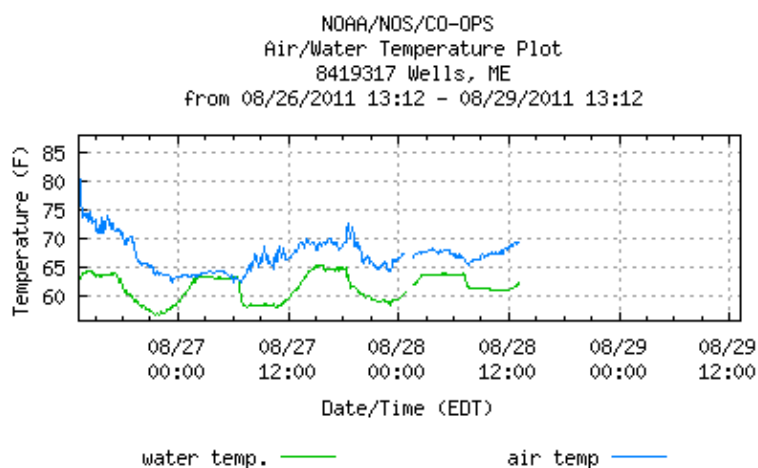
Wells, ME - Return to List



Last Observed Sample: 08/28/2011 13:06 (EDT)

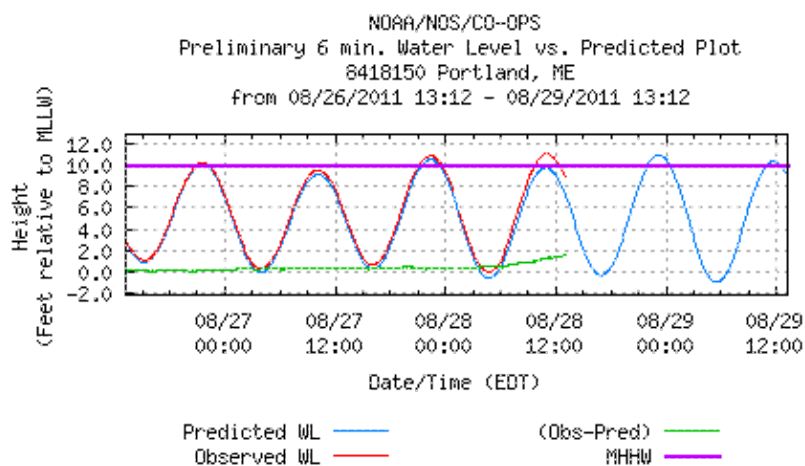
Barometric Pressure: 990.5 mb

Wells, ME - Return to List



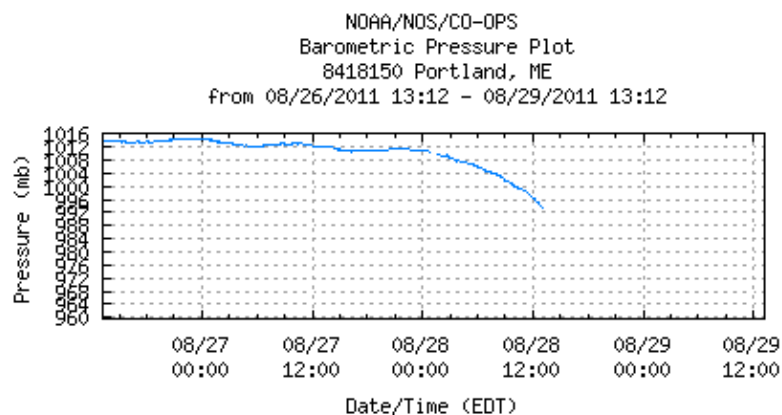
Last Observed Sample: 08/28/2011 13:06 (EDT)  
Water Temperature: 62.4° F Air Temperature: 69.4° F

Portland, ME - Return to List



Last Observed Sample: 08/28/2011 13:00 (EDT)  
Relative to MLLW: Observed: 8.85 ft. Predicted: 7.24 ft. Residual: 1.61 ft.  
Historical Maximum Water Level: Feb 7 1978, 4.22 ft. above MHHW

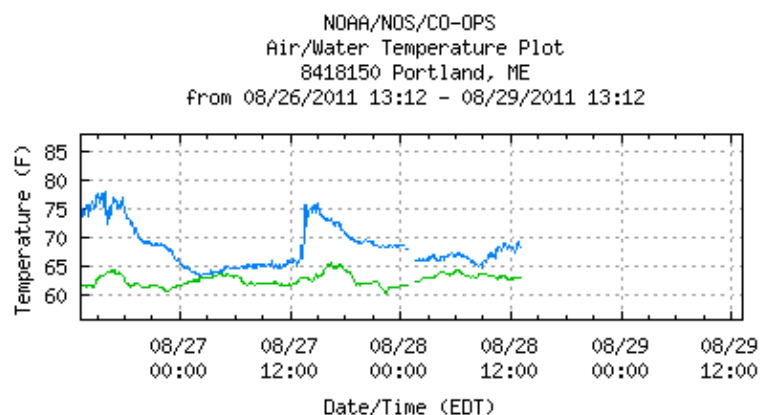
[Portland, ME - Return to List](#)



Last Observed Sample: 08/28/2011 13:00 (EDT)

Barometric Pressure: 993.6 mb

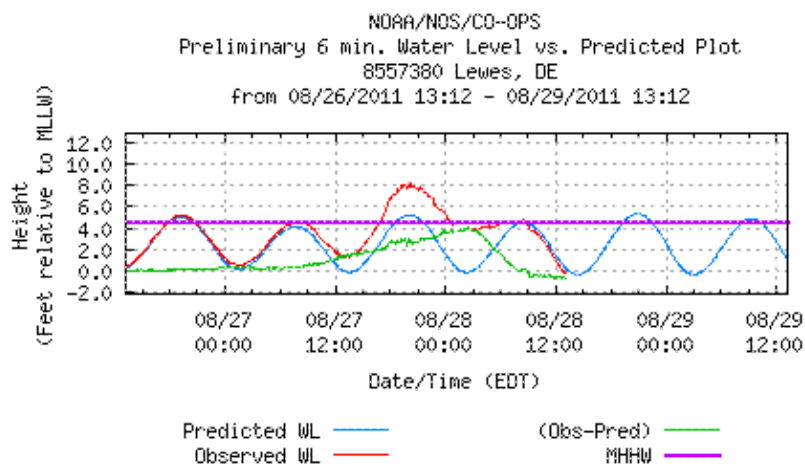
[Portland, ME - Return to List](#)



Last Observed Sample: 08/28/2011 13:00 (EDT)

Water Temperature: 63.1° F Air Temperature: 68.5° F

Lewes, DE - Return to List

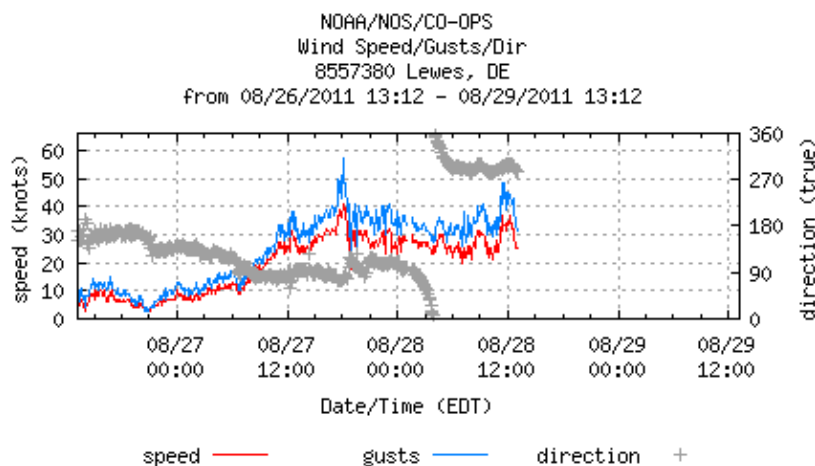


Last Observed Sample: 08/28/2011 13:00 (EDT)

Relative to MLLW: **Observed: -0.22 ft.** **Predicted: 0.38 ft.** **Residual: -0.60 ft.**

Historical Maximum Water Level: Mar 6 1962, 4.57 ft. above MHHW

Lewes, DE - Return to List

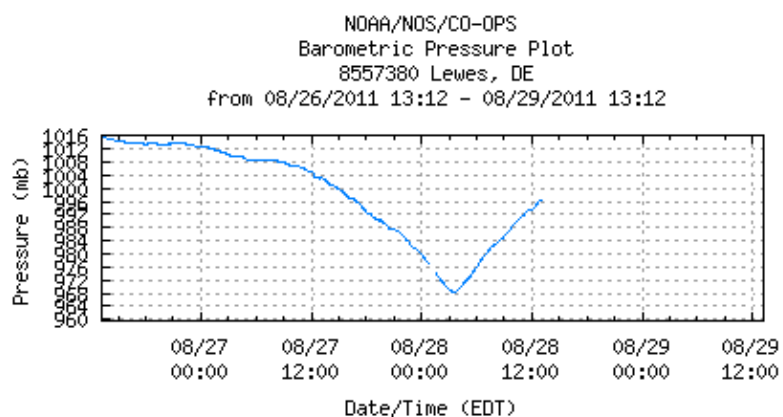


Last Observed Sample: 08/28/2011 13:00 (EDT)

**Wind Speed: 25 knots** **Gusts: 31 knots** **Direction: 286° T**



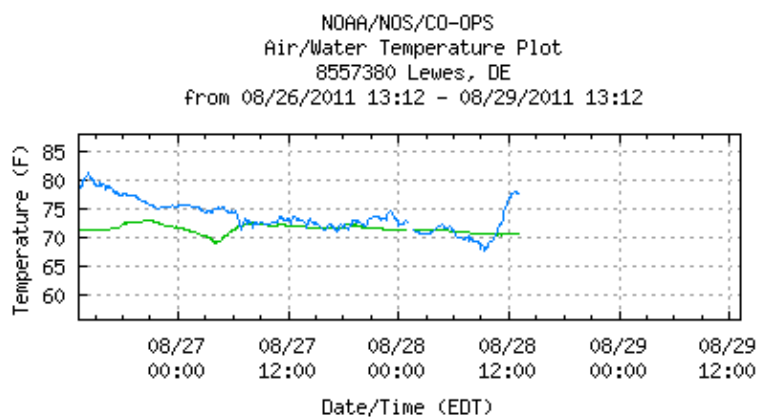
[Lewes, DE - Return to List](#)



Last Observed Sample: 08/28/2011 13:00 (EDT)

Barometric Pressure: 996.6 mb

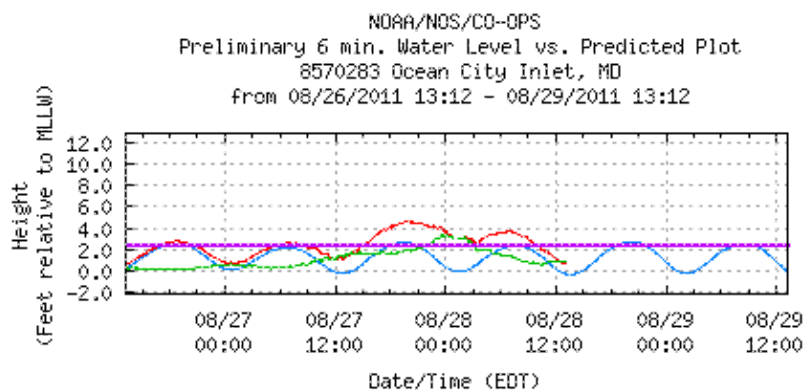
[Lewes, DE - Return to List](#)



Last Observed Sample: 08/28/2011 13:00 (EDT)

Water Temperature: 70.8° F Air Temperature: 77.7° F

Ocean City Inlet, MD - Return to List



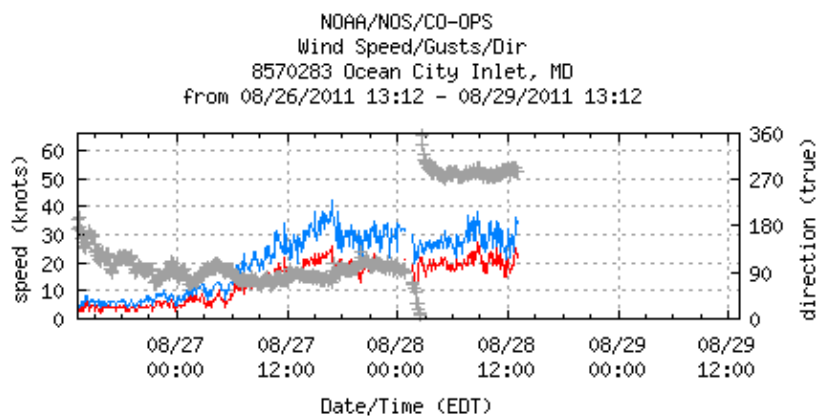
Predicted WL — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 08/28/2011 13:00 (EDT)

Relative to MLLW: **Observed: 0.67 ft.** **Predicted: -0.23 ft.** **Residual: 0.90 ft.**

Historical Maximum Water Level: Feb 5 1998, 3.61 ft. above MHHW

Ocean City Inlet, MD - Return to List

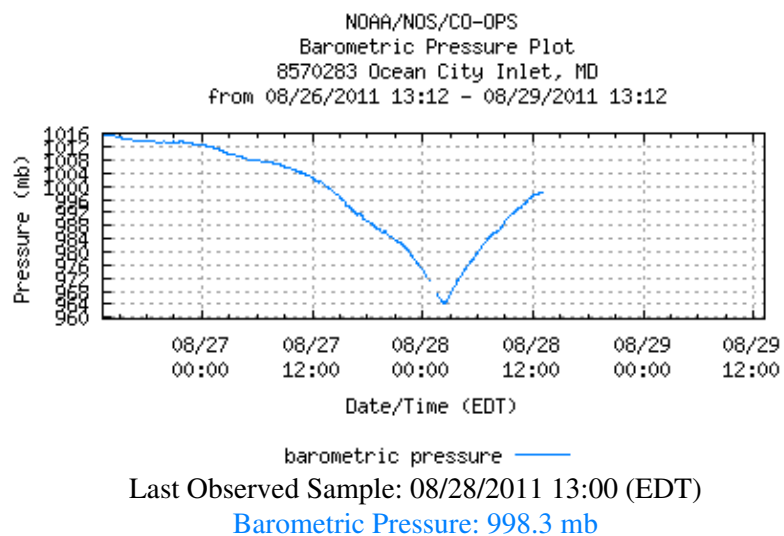


speed — gusts — direction +

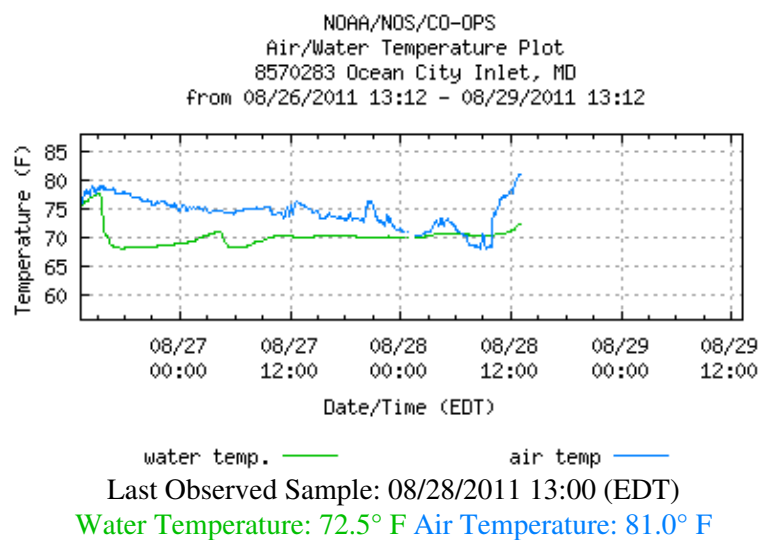
Last Observed Sample: 08/28/2011 13:00 (EDT)

**Wind Speed: 22 knots** **Gusts: 34 knots** **Direction: 284° T**

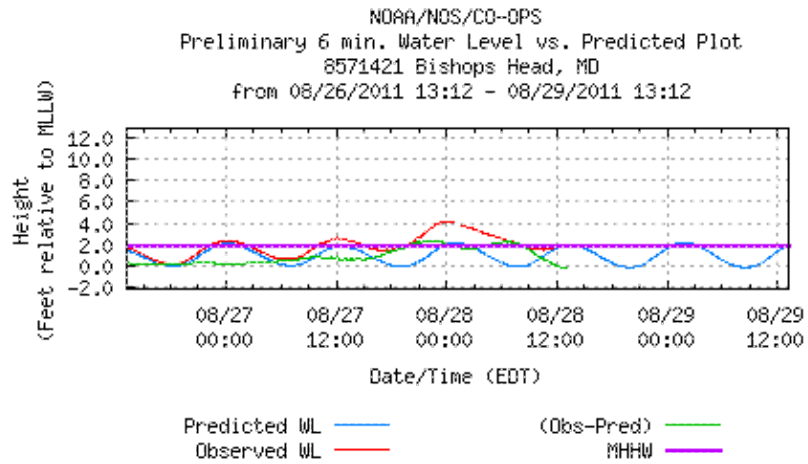
[Ocean City Inlet, MD - Return to List](#)



[Ocean City Inlet, MD - Return to List](#)



Bishops Head, MD - Return to List

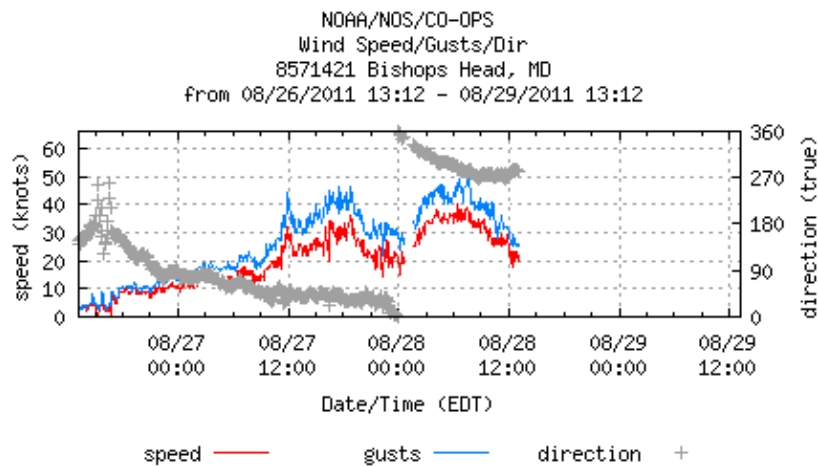


Last Observed Sample: 08/28/2011 13:06 (EDT)

Relative to MLLW: **Observed: 1.82 ft.** **Predicted: 1.98 ft.** **Residual: -0.16 ft.**

Historical Maximum Water Level: Apr 17 2011, 2.28 ft. above MHHW

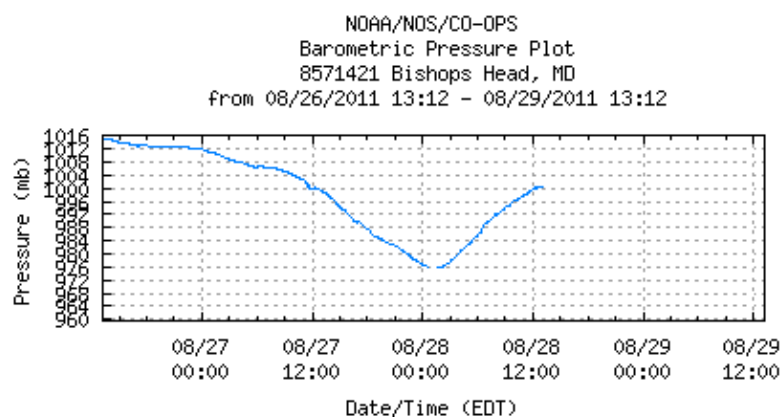
Bishops Head, MD - Return to List



Last Observed Sample: 08/28/2011 13:06 (EDT)

**Wind Speed: 20 knots** **Gusts: 26 knots** **Direction: 283° T**

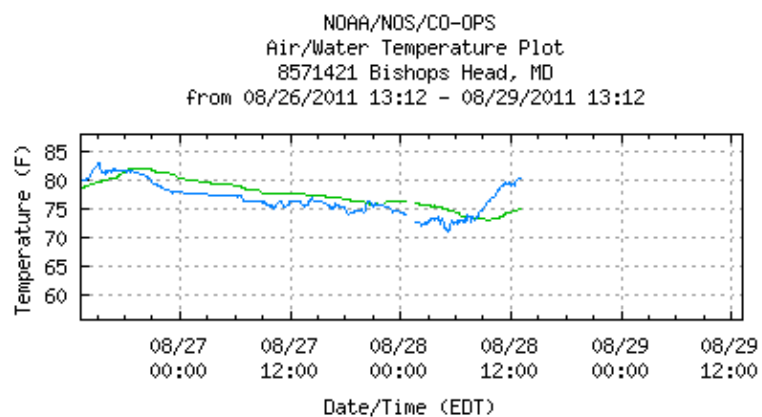
Bishops Head, MD - Return to List



barometric pressure —

Last Observed Sample: 08/28/2011 13:06 (EDT)  
Barometric Pressure: 1000.7 mb

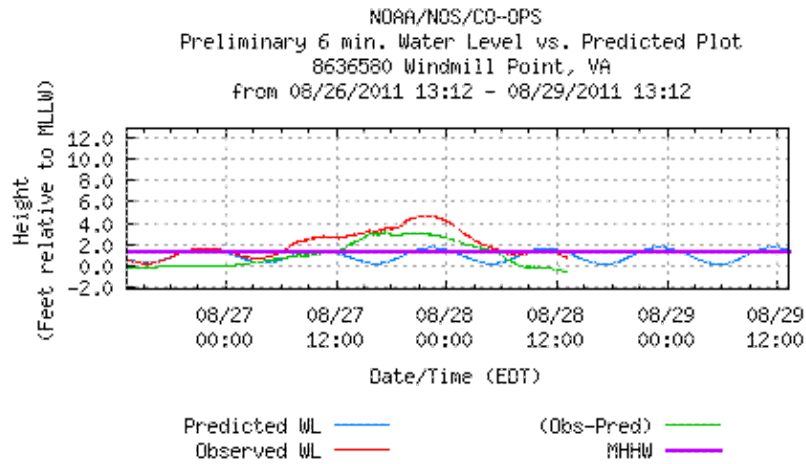
Bishops Head, MD - Return to List



water temp. — air temp —

Last Observed Sample: 08/28/2011 13:06 (EDT)  
Water Temperature: 75.2° F Air Temperature: 80.4° F

Windmill Point, VA - Return to List

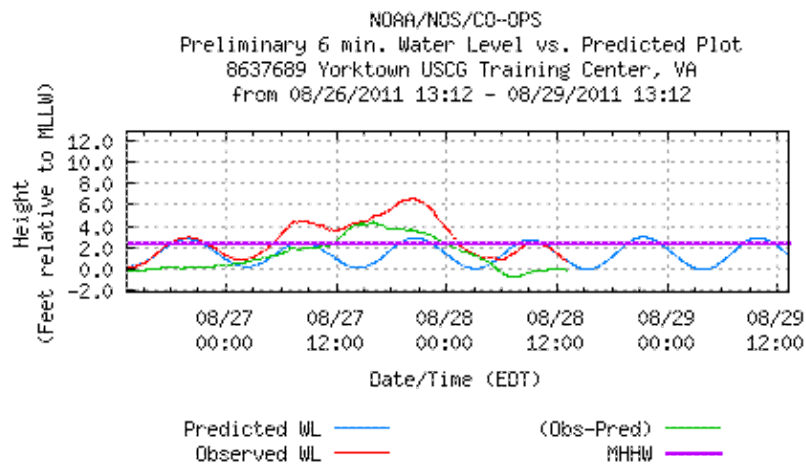


Last Observed Sample: 08/28/2011 13:06 (EDT)

Relative to MLLW: **Observed: 0.80 ft.** **Predicted: 1.27 ft.** **Residual: -0.47 ft.**

Historical Maximum Water Level: Sep 1 2006, 3.74 ft. above MHHW

Yorktown USCG Training Center, VA - Return to List

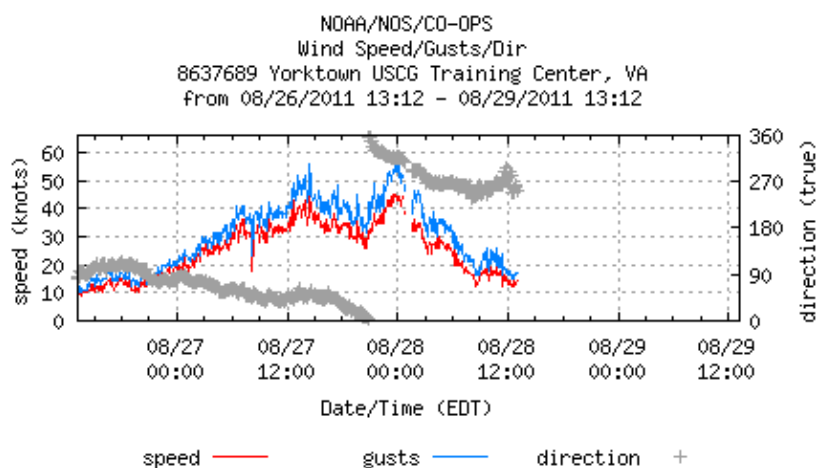


Last Observed Sample: 08/28/2011 13:00 (EDT)

Relative to MLLW: **Observed: 0.81 ft.** **Predicted: 0.87 ft.** **Residual: -0.06 ft.**

Historical Maximum Water Level: Nov 12 2009, 4.27 ft. above MHHW

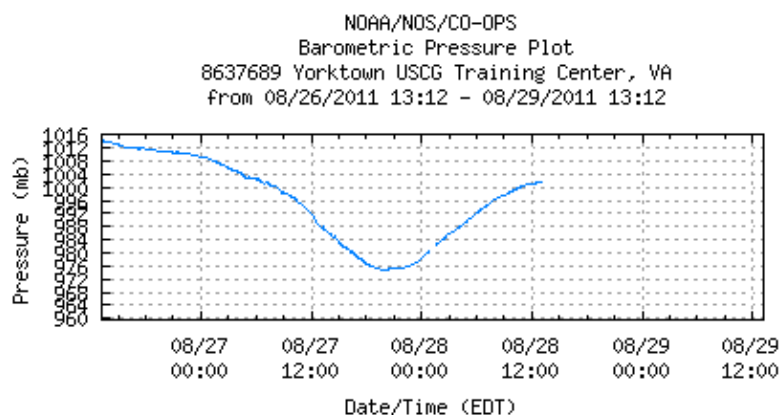
Yorktown USCG Training Center, VA - Return to List



Last Observed Sample: 08/28/2011 13:00 (EDT)

Wind Speed: 14 knots Gusts: 17 knots Direction: 252° T

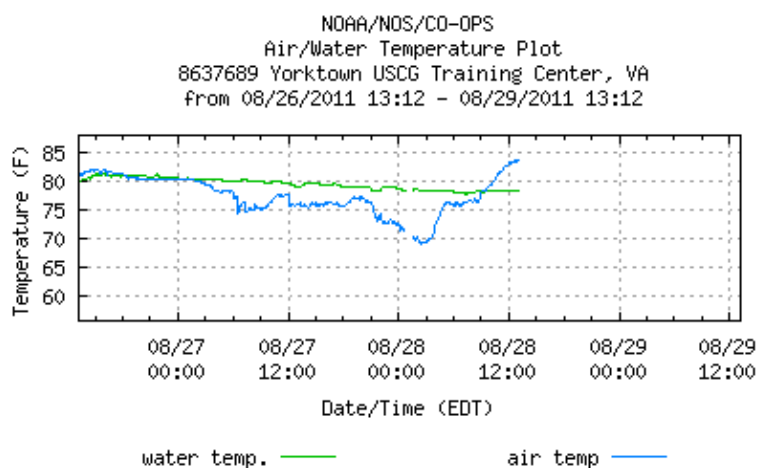
Yorktown USCG Training Center, VA - Return to List



Last Observed Sample: 08/28/2011 13:00 (EDT)

Barometric Pressure: 1001.5 mb

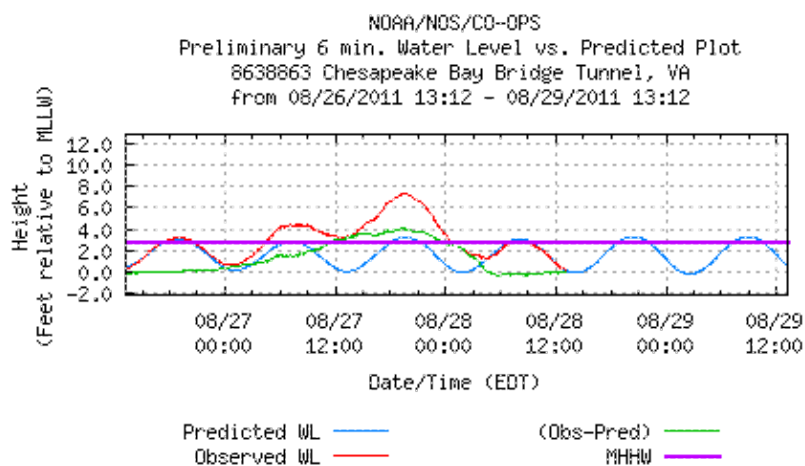
Yorktown USCG Training Center, VA - Return to List



Last Observed Sample: 08/28/2011 13:00 (EDT)

Water Temperature: 78.4° F Air Temperature: 83.7° F

Chesapeake Bay Bridge Tunnel, VA - Return to List



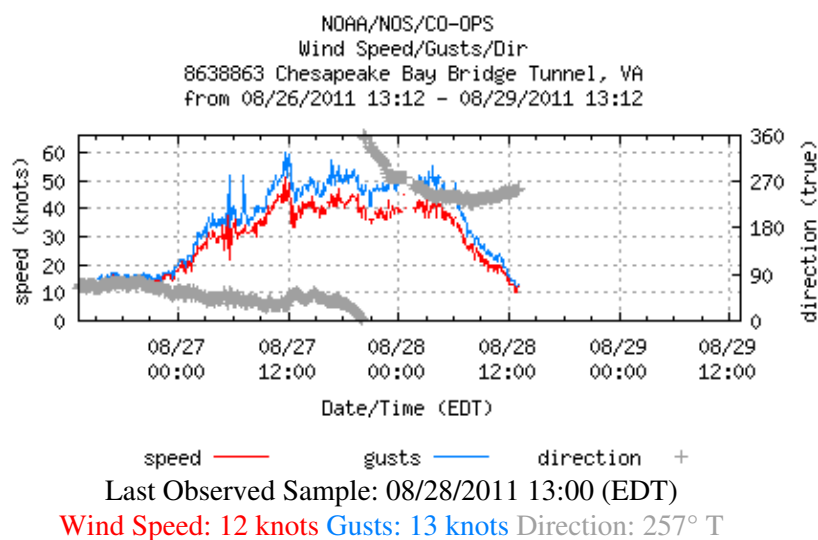
Last Observed Sample: 08/28/2011 13:00 (EDT)

Relative to MLLW: Observed: 0.28 ft. Predicted: 0.22 ft. Residual: 0.06 ft.

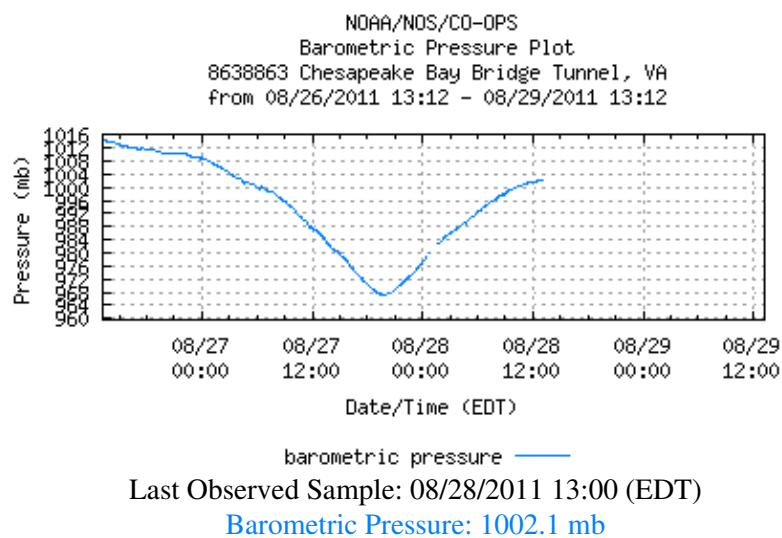
Historical Maximum Water Level: Feb 5 1998, 3.68 ft. above MHHW



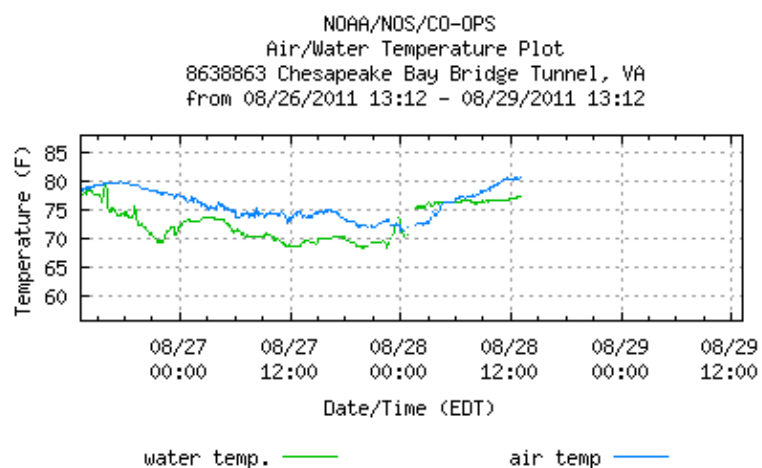
Chesapeake Bay Bridge Tunnel, VA - Return to List



Chesapeake Bay Bridge Tunnel, VA - Return to List



Chesapeake Bay Bridge Tunnel, VA - Return to List



Last Observed Sample: 08/28/2011 13:00 (EDT)

Water Temperature: 77.4° F Air Temperature: 80.8° F

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce